



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

MAY 30 2000

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 12340
(FIRST REVISION)

EXPIRATION DATE: January 15, 2002
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(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: General Chemical Corporation
Parsippany, NJ

(See Appendix A for a list of additional grantees)
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain UN3H1 jerricans, containing ammonia solutions, which exceed the vapor pressure requirements. The jerricans will be transported within temperature controlled vehicles. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.24a(b)(4) in that the jerricans, containing ammonia solutions, exceed the vapor pressure requirements.
5. BASIS: This exemption is based on the application of General Chemical dated August 18, 1999, and additional information dated November 15, 1999, and December 27, 1999, submitted in accordance with § 107.105 and the public proceeding thereon.

MAY 30 2000

Continuation of DOT-E 12340 (1st rev.)

Page 2

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Ammonia solutions	8	UN2672	III

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are high density polyethylene, 5 gallon UN31H jerrican certified to UN3H1/Y1.8/250 as a minimum.

b. OPERATIONAL CONTROLS -

(1) Shipment must be made by private or a dedicated contract carrier utilizing temperature controlled vehicles which maintain the temperature of the ammonia solution below that which would result in the internal pressure of the jerricans exceeding 125 kPa.

(2) The driver must be trained in accordance with the refrigeration system failure plan and the specific emergency action guidance plan on file with the Office of Hazardous Materials Exemptions and Approvals. The plans must be carried on the motor vehicle for all shipments made under this exemption.

8. SPECIAL PROVISIONS:

a. A current copy of this exemption must be maintained at each facility where the package is offered for transportation.

b. Each jerrican must be marked "DOT-E 12340" in accordance with the requirements contained in § 172.301(c).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption and the emergency action guidance plan must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

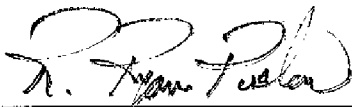
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



for Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety

MAY 30 2000

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

MAY 30 2000

Continuation of DOT-E 12340 (1st rev.)

Page 4

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: AM(00)

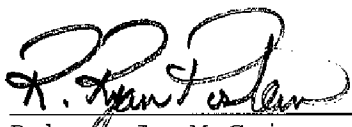
MAY 30 2000

Continuation DOT-E 12340 (1st rev.) APPENDIX A

Page 5

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Arch Chemicals, Inc. Norwalk, CT	Mar 15, 2000	MAY 30 2000	Jan 15, 2002


for Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety